UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

P O Box 1450 Alexandria, Virgima 22313-1450

### NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 04/18/2008

Ansel M. Schwartz Attorney at Law Suite 304 20I N. Craig Street Pittsburgh, PA 15213 EXAMINER

CHEVALIER, ROBERT

ART UNIT PAPER NUMBER

2621 DATE MAILED: 04/18/2008

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/820,995      | 04/08/2004  | Arthur R. Hair       | HAIR-2 DIV II       | 9046             |

TITLE OF INVENTION: METHOD AND SYSTEM FOR MANIPULATION OF AUDIO OR VIDEO SIGNALS

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | YES          | \$720         | \$300               | \$0                  | \$1020           | 07/18/2008 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THE APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and I/2 the ISSUE FFE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| appropriate. All further<br>indicated unless corrects<br>maintenance fee notifica                                                                                    | correspondence includir<br>ed below or directed oth                                                                                                                              | of transmitting the 1330<br>ig the Patent, advance of<br>herwise in Block 1, by (a                                                | rders and notification of r<br>a) specifying a new corres                                                                                                                                                                                                                                        | naintenance fees wi<br>pondence address;                                                                        | ill be<br>and/or                            | mailed to the current<br>(b) indicating a sepa                                                                            | correspondence address as<br>trate "FEE ADDRESS" for                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                      | ENCE ADDRESS (Note: Use Bi                                                                                                                                                       | ock 1 for any change of address)                                                                                                  | Not<br>Feel<br>paps<br>have                                                                                                                                                                                                                                                                      | e: A certificate of n<br>s) Transmittal. This<br>ers, Each additional<br>e its own certificate                  | nailing<br>certif<br>paper<br>of mai        | can only be used for<br>icate cannot be used for<br>such as an assignme<br>ling or transmission.                          | or domestic mailings of the<br>for any other accompanying<br>nt or formal drawing, must                                                           |
| Ansel M. Schw<br>Attorney at Law<br>Suite 304                                                                                                                        |                                                                                                                                                                                  | /2008                                                                                                                             | I bo                                                                                                                                                                                                                                                                                             | Certi                                                                                                           | ificate                                     | of Mailing or Trans                                                                                                       | mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.                                   |
| 201 N. Craig Str<br>Pittsburgh, PA 1                                                                                                                                 |                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                  |                                                                                                                 |                                             |                                                                                                                           | (Depositor's name)                                                                                                                                |
|                                                                                                                                                                      |                                                                                                                                                                                  |                                                                                                                                   | _                                                                                                                                                                                                                                                                                                |                                                                                                                 |                                             |                                                                                                                           | (Signature)                                                                                                                                       |
|                                                                                                                                                                      |                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                  |                                                                                                                 |                                             |                                                                                                                           | (Date)                                                                                                                                            |
| APPLICATION NO.                                                                                                                                                      | FILING DATE                                                                                                                                                                      |                                                                                                                                   | FIRST NAMED INVENTOR                                                                                                                                                                                                                                                                             |                                                                                                                 | ATTO                                        | RNEY DOCKET NO.                                                                                                           | CONFIRMATION NO.                                                                                                                                  |
| 10/820,995<br>TITLE OF INVENTION                                                                                                                                     | 04/08/2004<br>: METHOD AND SYST                                                                                                                                                  | EM FOR MANIPULATI                                                                                                                 | Arthur R. Hair<br>ION OF AUDIO OR VIDE                                                                                                                                                                                                                                                           | O SIGNALS                                                                                                       | F                                           | IAIR-2 DIV II                                                                                                             | 9046                                                                                                                                              |
| APPLN, TYPE                                                                                                                                                          | SMALL ENTITY                                                                                                                                                                     | ISSUE FEE DUE                                                                                                                     | PUBLICATION FEE DUE                                                                                                                                                                                                                                                                              | PREV. PAID ISSUE                                                                                                | FEE                                         | TOTAL FEE(S) DUE                                                                                                          | DATE DUE                                                                                                                                          |
| nonprovisional                                                                                                                                                       | YES                                                                                                                                                                              | \$720                                                                                                                             | \$300                                                                                                                                                                                                                                                                                            | \$0                                                                                                             |                                             | \$1020                                                                                                                    | 07/18/2008                                                                                                                                        |
| EXAM                                                                                                                                                                 | IINER                                                                                                                                                                            | ART UNIT                                                                                                                          | CLASS-SUBCLASS                                                                                                                                                                                                                                                                                   | 1                                                                                                               |                                             |                                                                                                                           |                                                                                                                                                   |
| CHEVALIE                                                                                                                                                             | R, ROBERT                                                                                                                                                                        | 2621                                                                                                                              | 386-046000                                                                                                                                                                                                                                                                                       | ,                                                                                                               |                                             |                                                                                                                           |                                                                                                                                                   |
| "Fee Address" ind<br>PTO/SB/47; Rev 03-0<br>Number is required.  3. ASSIGNEE NAME A                                                                                  | ondence address (or Cha<br>3/122) attached.<br>ication (or "Fee Address<br>12 or more recent) attach<br>ND RESIDENCE DAT/<br>less an assignee is ident<br>h in 37 CFR 3.11. Comp | nge of Correspondence "Indication form ed. Use of a Customer A TO BE PRINTED ON 2                                                 | 2. For printing on the p<br>(1) the names of a up to<br>or agents OR, alternati<br>(2) the name of a significant<br>2 registered patent atto<br>itsted, no name will be<br>THE PATENT (print or typ<br>data will appear on the p<br>T a substitute for filing an<br>T a substitute for filing an | 3 registered patent<br>vely,<br>e firm (having as a<br>sigent) and the name<br>meys or agents. If n<br>printed. | memb<br>s of up<br>o nam                    | er a 2                                                                                                                    | ocument has been filed for                                                                                                                        |
| Please check the appropr                                                                                                                                             | iate assignee category or                                                                                                                                                        | categories (will not be pr                                                                                                        | inted on the patent):                                                                                                                                                                                                                                                                            | Individual 🚨 Cor                                                                                                | rporati                                     | on or other private gro                                                                                                   | oup entity Government                                                                                                                             |
| 4a. The following fee(s)  lssue Fee Publication Fee (N Advance Order -                                                                                               | vo small entity discount p                                                                                                                                                       |                                                                                                                                   | o. Payment of Fee(s): (Plea A check is enclosed. Payment by credit car The Director is hereby overpayment, to Depo                                                                                                                                                                               | d. Form PTO-2038                                                                                                | is atta                                     | ched.                                                                                                                     | shown above) ficiency, or credit any n extra copy of this form).                                                                                  |
| - 11                                                                                                                                                                 | s SMALL ENTITY state                                                                                                                                                             | is. See 37 CFR 1.27.                                                                                                              | ☐ b. Applicant is no lon                                                                                                                                                                                                                                                                         |                                                                                                                 |                                             |                                                                                                                           |                                                                                                                                                   |
| NOTE: The Issue Fee an<br>interest as shown by the                                                                                                                   | d Publication Fee (if req<br>records of the United Sta                                                                                                                           | uired) will not be accepted<br>tes Patent and Trademark                                                                           | d from anyone other than t<br>Office.                                                                                                                                                                                                                                                            | he applicant; a regis                                                                                           | tered a                                     | attorney or agent; or th                                                                                                  | ne assignee or other party in                                                                                                                     |
| Authorized Signature                                                                                                                                                 |                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                  | Date                                                                                                            |                                             |                                                                                                                           |                                                                                                                                                   |
| Typed or printed name                                                                                                                                                |                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                  | Registration No                                                                                                 | э                                           |                                                                                                                           |                                                                                                                                                   |
| This collection of inform<br>an application. Confiden<br>submitting the complete<br>this form and/or suggests<br>Box 1450, Alexandria, V<br>Alexandria, Virginia 223 | nation is required by 37 C<br>tiality is governed by 35<br>d application form to the<br>ions for reducing this but<br>'irginia 22313-1450. DC<br>k13-1450.                       | FR 1.311. The informatic<br>U.S.C. 122 and 37 CFR<br>USPTO. Time will vary<br>rden, should be sent to the<br>O NOT SEND FEES OR ( | on is required to obtain or r<br>1.14. This collection is est<br>depending upon the indiv<br>e Chief Information Office<br>COMPLETED FORMS TO                                                                                                                                                    | etain a benefit by th<br>imated to take 12 m<br>idual case. Any con<br>er, U.S. Patent and T<br>D THIS ADDRESS. | e publ<br>inutes<br>nment<br>Traden<br>SENI | ic which is to file (and<br>to complete, includir<br>s on the amount of tin<br>ark Office, U.S. Dep<br>O TO: Commissioner | by the USPTO to process)<br>g gathering, preparing, and<br>me you require to complete<br>artment of Commerce, P.O.<br>for Patents, P.O. Box 1450, |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.



# UNITED STATES PATENT AND TRADEMARK OFFICE

#### UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS

588: COMMISSIONER FOR PATENTS P O Box 1450 Alexandria, Virgima 22313-1450 www.uspio.gov

| APPLICATION NO.                                       | FILING DATE   | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.            | CONFIRMATION NO. |
|-------------------------------------------------------|---------------|----------------------|--------------------------------|------------------|
| 10/820,995                                            | 04/08/2004    | Arthur R. Hair       | HAIR-2 DIV II                  | 9046             |
| 75                                                    | 90 04/18/2008 |                      | EXAM                           | UNER             |
| Ansel M. Schwartz                                     |               |                      | CHEVALIE                       | R, ROBERT        |
| Attorney at Law                                       |               |                      | ART UNIT                       | PAPER NUMBER     |
| Suite 304<br>201 N. Craig Stree<br>Pittsburgh, PA 152 |               |                      | 2621<br>DATE MAILED: 04/18/200 | 8                |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 537 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 537 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

# Notice of Allowability

| Application No.  | Applicant(s)    |
|------------------|-----------------|
| 10/820,995       | HAIR, ARTHUR R. |
| Examiner         | Art Unit        |
| PORERT CHEVALIER | 2621            |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence addressAll claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included
herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS
NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative
of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. This communication is responsive to the amendment filed in on 3/7/08.
- 2. The allowed claim(s) is/are 21-28, now renumbered as 1-8 respectively.
- 3. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some\* c) None of the:
    - 1. T Certified copies of the priority documents have been received.
    - 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_
    - Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

- 4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
- 5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) Thereto or 2) to Paper No./Mail Date
  - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

- 1. Notice of References Cited (PTO-892)
- 2. 
  Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3. Information Disclosure Statements (PTO/SB/08),
- Paper No./Mail Date \_\_\_\_
- Examiner's Comment Regarding Requirement for Deposit of Biological Material
- 5. Notice of Informal Patent Application
- Interview Summary (PTO-413), Paper No./Mail Date .
- 7. Examiner's Amendment/Comment
- 8. 

  Examiner's Statement of Reasons for Allowance
- 9. ☐ Other .

/ROBERT CHEVALIER/ Primary Examiner, Art Unit 2621 April 8, 2008.